

Title (en)

METHODS AND DEVICES FOR FUEL REFORMATION

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR KRAFTSTOFFUMFORMUNG

Title (fr)

PROCÉDÉS ET SYSTÈMES DE REFORMAGE DE CARBURANTS

Publication

EP 2310661 A4 20111228 (EN)

Application

EP 09805422 A 20090804

Priority

- US 2009052661 W 20090804
- US 8606208 P 20080804

Abstract (en)

[origin: WO2010017175A2] Disclosed are methods and systems for reforming fuels by subjecting them to ultrasonic energy. Such methods and systems can be conducted and carried on-board vehicles powered by combustion engines to enhance fuel efficiency and/or modify exhaust emissions.

IPC 8 full level

F02B 51/06 (2006.01); **F02M 27/08** (2006.01)

CPC (source: EP US)

C10L 9/00 (2013.01 - US); **F02B 51/06** (2013.01 - EP US); **F02M 27/08** (2013.01 - EP US); **F02M 31/16** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)

- [X] WO 2007113569 A2 20071011 - DAVIES DAVID [GB]
- [A] DE 10250483 A1 20040506 - KOCH HANS JOACHIM [DE]
- [A] US 3825480 A 19740723 - HERBERT G, et al
- [A] US 3865350 A 19750211 - BURTIS WILSON A
- See references of WO 2010017175A2

Citation (examination)

- WO 02102746 A1 20021227 - PETRONETICS LC [US], et al
- EP 0667386 A1 19950816 - KLADOV ANATOLY FEDOROVICH [RU]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010017175 A2 20100211; **WO 2010017175 A3 20100520**; EP 2310661 A2 20110420; EP 2310661 A4 20111228; US 2011265737 A1 20111103; US 2014261251 A1 20140918

DOCDB simple family (application)

US 2009052661 W 20090804; EP 09805422 A 20090804; US 200913057596 A 20090804; US 201314105619 A 20131213